EL9783184764US

Fig. 1

COMMUNICATION SERVER 204

CLIENT SYSTEM 208

NETWORK
102

200

CLIENT MAIL SYSTEM 206

CLIENT SYSTEM 210

Fig. 2

CLIENT MAIL SYSTEM 206

MESSAGING CONTROLLER
302

MAILBOX STORAGE 308

MESSAGE CAPACITY
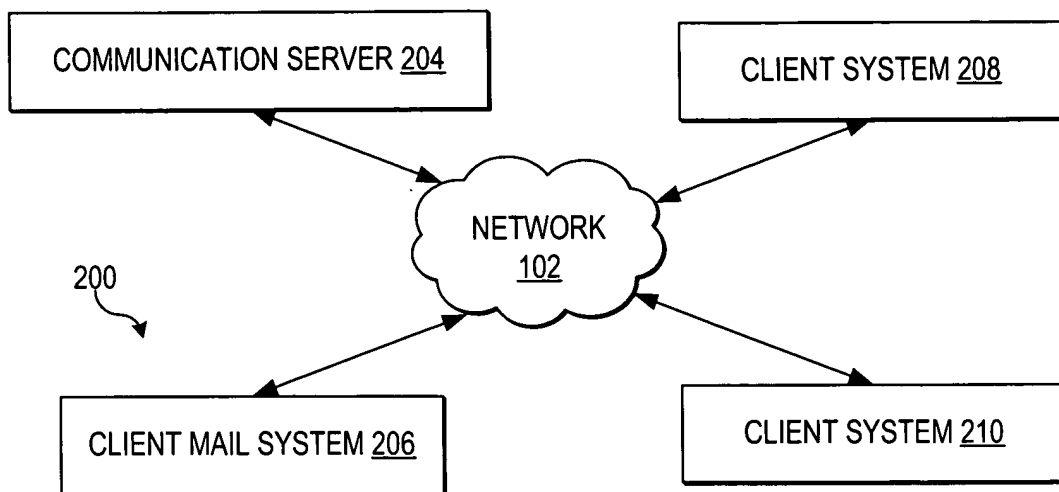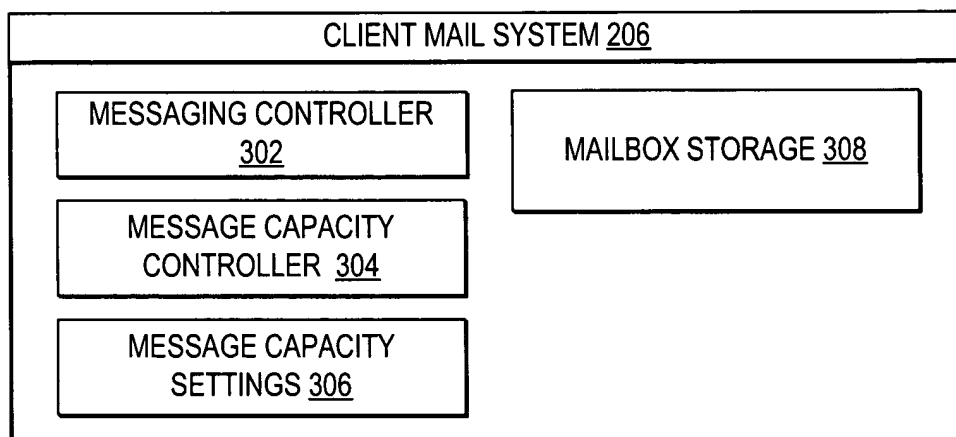CONTROLLER 304

MESSAGE CAPACITY
SETTINGS 306

Fig. 3

MAIL CAPACITY SETTINGS WINDOW 400

BLOCK EMAIL ADDRESSES: ～402

SALES@FABRICSTORE.COM @ 90% CAPACITY.
NEWS@CNN.COM @ 93% CAPACITY

ADD ADDRESS TO BLOCK ～406

EMAIL ADDRESS 410	CAPACITY % 412

BLOCK ALL EMAIL ADDRESSES EXCEPT: ～420

@ 95% CAPACITY:
INFO@SMART.COM
TERESA@US.IBM.COM

ADD ADDRESS TO EXCEPTION BLOCK ～422
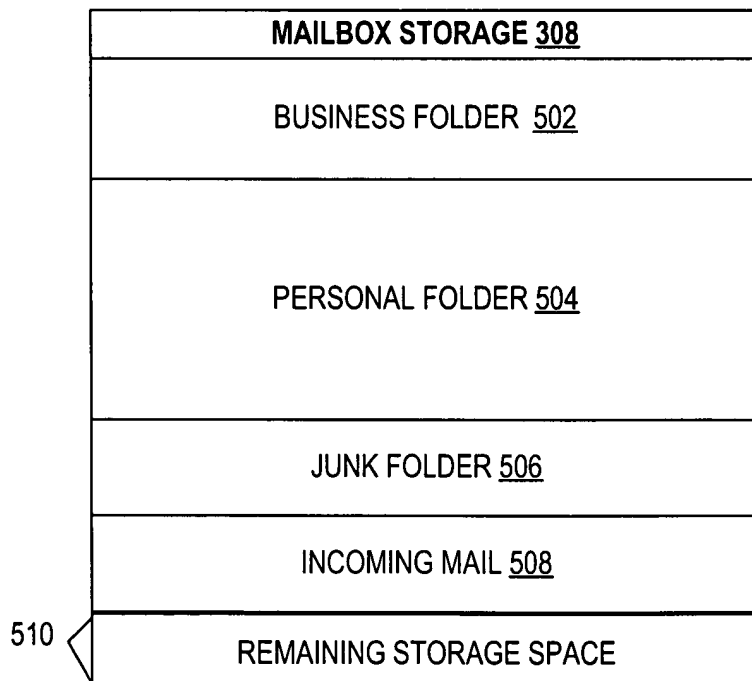
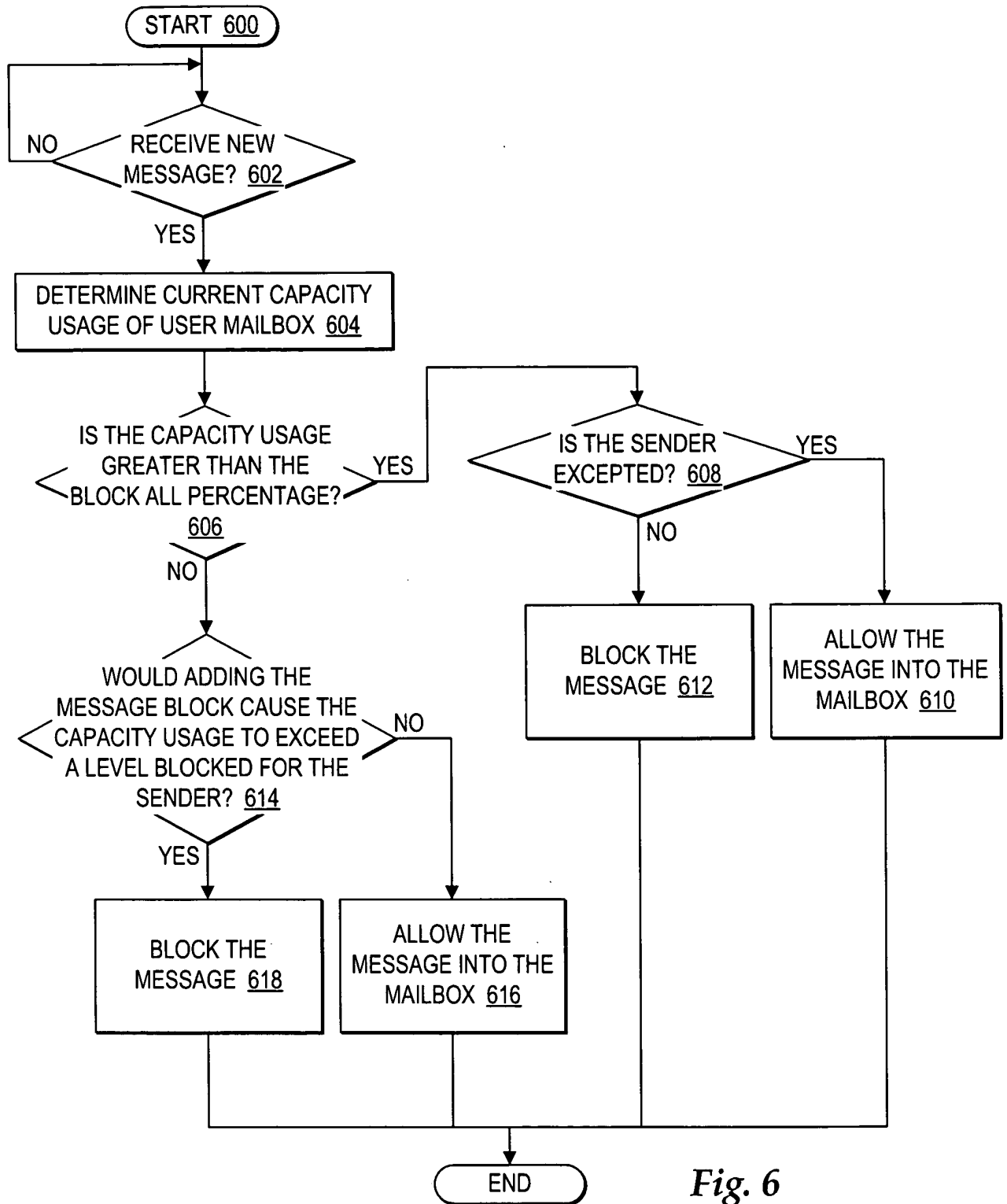| EMAIL ADDRESS 424	CAPACITY % 426

Fig. 4

MAILBOX STORAGE 308

BUSINESS FOLDER 502

PERSONAL FOLDER 504

JUNK FOLDER 506

INCOMING MAIL 508

510 ⟨ REMAINING STORAGE SPACE

Fig. 5

START 600

NO ← RECEIVE NEW MESSAGE? 602

YES

DETERMINE CURRENT CAPACITY USAGE OF USER MAILBOX 604

IS THE CAPACITY USAGE GREATER THAN THE BLOCK ALL PERCENTAGE? 606 → YES → IS THE SENDER EXCEPTED? 608 → YES

NO

NO

WOULD ADDING THE MESSAGE BLOCK CAUSE THE CAPACITY USAGE TO EXCEED A LEVEL BLOCKED FOR THE SENDER? 614 → NO

YES

BLOCK THE MESSAGE 612

ALLOW THE MESSAGE INTO THE MAILBOX 610

BLOCK THE MESSAGE 618

ALLOW THE MESSAGE INTO THE MAILBOX 616

END

Fig. 6